|          |              |          |          |   |          |         |               |           |   |   |                             |       | 10/541,428 |          |          |              |                   |           |           |          |             |               | _         | OKUYAMA ET AL. |                  |          |               |                |                |       |       |              |               |              |   |
|----------|--------------|----------|----------|---|----------|---------|---------------|-----------|---|---|-----------------------------|-------|------------|----------|----------|--------------|-------------------|-----------|-----------|----------|-------------|---------------|-----------|----------------|------------------|----------|---------------|----------------|----------------|-------|-------|--------------|---------------|--------------|---|
|          |              |          |          |   |          |         |               |           |   |   |                             |       | Examiner   |          |          |              |                   |           |           |          |             |               | Art Unit  |                |                  |          |               |                |                |       |       |              |               |              |   |
|          | 110010       |          |          |   |          |         |               | 17 81     |   |   |                             |       | <u>-</u> . | -        |          |              | Ramya G. Prakasam |           |           |          |             |               |           |                |                  |          | 3651          |                |                |       |       |              |               |              |   |
|          |              | <b>√</b> | Rejected |   |          |         |               | _         |   |   | (Through numer<br>Cancelled |       |            |          |          |              | al)               | 1)        |           | N        | Non-Elected |               |           | d              |                  | A        | Appeal        |                |                |       |       |              |               |              |   |
| Claim    |              | =        | Allowed  |   |          |         |               |           |   | ÷ |                             | ·     | Re         | stric    | cte      | d            |                   |           |           | ı        | In          | iter          | fere      | nce            | •                |          | 0             | -              | Ob.            | jec   | tec   | 1            |               |              |   |
|          |              |          | Date     |   |          |         |               |           |   |   |                             | Claim |            |          |          |              | ate               |           |           |          |             |               | Claim     |                |                  | Date     |               |                |                | _     |       |              |               |              |   |
| Final    | Original     | 6/20/06  |          |   |          |         |               |           |   |   |                             |       | Final      | Original |          |              |                   |           |           |          |             |               |           | 1              | rinai<br>Grisiso | n gill a |               |                |                |       |       |              |               |              |   |
|          | 1            | 7        |          |   | ┡        | +       | +             | -         |   |   |                             |       |            | 0        | _        | _            | -                 | $\dashv$  | _         | $\dashv$ | $\dashv$    | $\dashv$      | -         | $\vdash$       | +                |          | $\dashv$      | +              | +              | +     | +     | +            | +             | +            | - |
|          | 2            | 1        |          |   |          | F       | #             |           |   |   |                             |       |            |          |          |              |                   | $\dashv$  | 4         | 4        | $\dashv$    | $\dashv$      | -         | F              |                  | $\dashv$ | 7             | -              | _              | +     | +     | 7            | -             | -            | 7 |
|          | 5            | 1        |          |   |          | F       | 7             |           | _ |   |                             |       |            |          |          |              |                   |           | _         | _        | _           | $\dashv$      |           |                | $\perp$          | _        | 4             | 7              | +              | +     | 7     | $\downarrow$ | 7             | -            | 7 |
| _        | 6            | 7        |          |   | F        | F       | #             | 4         |   |   |                             |       |            |          | E        |              |                   |           | _         | _        | 1           | 7             | $\exists$ | F              | +                | $\dashv$ | $\dashv$      | 7              | +              | 7     | +     | +            | +             | +            | 7 |
|          | 8 9          | 7        |          |   | F        | t       | ‡             | 4         |   | _ |                             |       |            |          |          |              |                   |           | 4         |          |             | #             | $\exists$ | F              |                  | 4        | 1             | +              | $\downarrow$   | #     | #     | #            | 1             | ‡            |   |
|          | 10           | 777      |          |   | F        | ‡       | #             | 1         |   |   |                             |       |            |          |          |              |                   |           | $\exists$ |          |             | #             | $\exists$ | F              | 1                | 4        | 1             | #              | $\downarrow$   | #     | #     | #            | #             | #            |   |
|          | 12           | 1        |          | _ |          | +       | #             | 1         |   |   |                             |       | _          |          |          |              |                   | 4         |           |          |             |               | $\exists$ |                |                  |          | 1             | #              | +              | #     | #     | #            | $\downarrow$  | 1            | = |
|          | 13<br>14     | 1        |          |   | F        |         | $\pm$         |           |   |   |                             |       |            |          |          |              |                   |           |           |          | $\exists$   | $\downarrow$  |           |                |                  |          | $\Rightarrow$ | #              | $\downarrow$   | #     | #     | $\downarrow$ | 1             | -            |   |
|          | 15<br>16     | 77       | _        |   |          | $\perp$ | $\downarrow$  |           |   |   |                             |       |            |          |          |              |                   |           |           |          |             | $\Rightarrow$ |           |                |                  |          | $\pm$         | #              | $\pm$          | #     | 1     | $\pm$        | +             | 1            |   |
|          | 17           | ٧        |          |   |          | t       | $\pm$         |           | _ |   |                             |       |            |          | -        |              |                   |           |           |          |             | $\perp$       | $\exists$ |                |                  |          |               | $\pm$          | $\pm$          | $\pm$ | †     | 1            | +             | $\downarrow$ |   |
|          |              |          | _        | _ | $\vdash$ | +       | +             | -         |   |   |                             |       |            |          |          |              |                   |           |           |          |             |               |           | L              |                  |          | $\perp$       | $\pm$          |                | $\pm$ | +     | +            | $\pm$         |              |   |
|          |              |          |          | _ | -        | +       | +             | $\dashv$  |   |   |                             |       |            |          |          | _            |                   | $\exists$ |           |          |             |               |           | E              |                  |          |               | $\perp$        | $\pm$          | +     | $\pm$ | 1            | $\pm$         | $\pm$        | _ |
|          |              |          |          |   |          | F       | 4             | -         |   |   |                             |       |            |          |          |              |                   |           |           | -        | -           |               | -         | _              |                  |          | $\dashv$      | +              | +              | +     |       | +            | -             | $\perp$      |   |
|          |              |          |          |   |          | F       | +             | 4         |   |   |                             |       |            |          |          |              | П                 |           |           |          | _           |               |           |                |                  |          |               | +              | -              | +     | $\mp$ | 7            | -             | +            | - |
|          |              |          |          |   | F        | Ŧ       | 1             | 4         |   | _ |                             |       |            |          | Ξ        |              | П                 |           |           |          |             | -             |           |                | -                |          |               | 7              | -              | 7     | 7     | 7            | 7             | 7            |   |
|          |              |          | Ħ        | - | F        | ļ       | #             | 4         |   |   | $\exists$                   |       |            |          |          | -            | H                 |           |           |          |             |               |           | F              |                  | -        | $\dashv$      | #              | +              | 7     | 7     | 7            | $\mp$         | #            |   |
|          |              |          |          |   | L        | ļ       | +             | _         |   |   | ᅵ                           |       |            |          | <u> </u> |              |                   |           |           |          |             |               |           | F              | #                |          | #             | #              | +              | #     | #     | #            | 1             | 1            |   |
|          |              |          |          |   | F        | ļ       | +             | #         |   |   |                             |       |            |          | F        |              |                   |           |           |          |             | 1             |           | E              |                  |          | $\dashv$      | #              | #              | #     | #     | #            | +             | +            |   |
|          |              |          |          |   |          | t       | +             | 4         |   |   |                             |       |            | _        |          |              |                   |           |           |          |             |               |           | F              |                  |          | +             | #              | #              | #     | #     | #            | $\downarrow$  | #            |   |
|          |              |          |          |   |          | ‡       | $\downarrow$  | $\exists$ |   |   |                             |       |            |          | L        |              |                   |           |           |          |             | $\exists$     |           |                |                  |          | $\dashv$      | #              | $\pm$          | #     | #     | $\downarrow$ | $\downarrow$  | #            |   |
|          |              |          |          |   |          | l       | $\pm$         |           |   |   | Н                           |       |            |          |          |              |                   |           |           |          |             | $\perp$       | $\exists$ | L              |                  |          |               | $\pm$          | $\pm$          | $\pm$ | $\pm$ | $\pm$        | $\pm$         | $\pm$        |   |
|          |              |          |          |   |          |         | $\frac{1}{1}$ |           |   |   | Н                           |       |            |          |          | _            | Н                 |           |           |          |             | $\exists$     | $\exists$ |                | $\perp$          |          | $\exists$     | $\pm$          | $\pm$          | $\pm$ | $\pm$ | $\pm$        | $\downarrow$  | $\pm$        | _ |
|          |              |          | _        |   |          | F       | J             | $\exists$ |   |   |                             |       |            |          | E        | L            | H                 |           |           |          |             |               |           | E              | _                |          |               | $\pm$          | $\pm$          | $\pm$ | $\pm$ |              | 1             | $\pm$        |   |
|          | -            | F        |          |   | F        | -       | 7             | $\dashv$  | _ | F | П                           |       |            |          | F        |              | П                 |           |           |          | $\exists$   |               | $\exists$ | F              | 7                |          | -             | $oldsymbol{+}$ | $oldsymbol{f}$ | -     | $\pm$ | -            | $\frac{1}{2}$ | $\int$       |   |
|          | Ι            | F        |          |   | F        | Ŧ       | 7             | 4         |   |   |                             |       |            |          | F        |              | F                 |           |           |          |             | $\dashv$      | 4         | F              |                  |          | $\dashv$      | +              | -              | 7     | 7     | 7            | $\dashv$      | 7            |   |
| <u> </u> | -            |          |          |   | F        | ļ       | #             | $\dashv$  |   |   |                             |       |            |          | F        | -            |                   |           |           |          | _           | #             | $\exists$ | F              |                  |          | $\dashv$      | 7              | 7              | 7     | 7     | 7            | 1             | 7            |   |
| <b></b>  | <del> </del> |          | -        | - | +        | +       | +             | $\dashv$  |   |   | $\vdash$                    |       | <u> </u>   |          | ┼─       | <del> </del> | $\vdash$          | $\vdash$  | $\vdash$  | $\vdash$ | -           | -+            | $\dashv$  | $\vdash$       | $\dashv$         |          | $\vdash$      | +              | +              | +     | +     | +            | $\dashv$      | $\dashv$     | - |

Application/Control No.

**Index of Claims** 

Applicant(s)/Patent under Reexamination